



## NCDOT Prioritization 3.0 Project Summary

**SPOT ID:** H111252

**Mode:** Highway

**Status:** Submitted

### US-70

**From/Cross Street:** SR 1001

**Specific Improvement Type:** 1 - Widen Existing Roadway

**To:** SR 1761

**Project Category:** Regional Impact

**Length:** 3.52

**TIP#:**

**Fully Funded in Draft STIP?** No

**Cost to NCDOT:** \$22,360,000

#### Description:

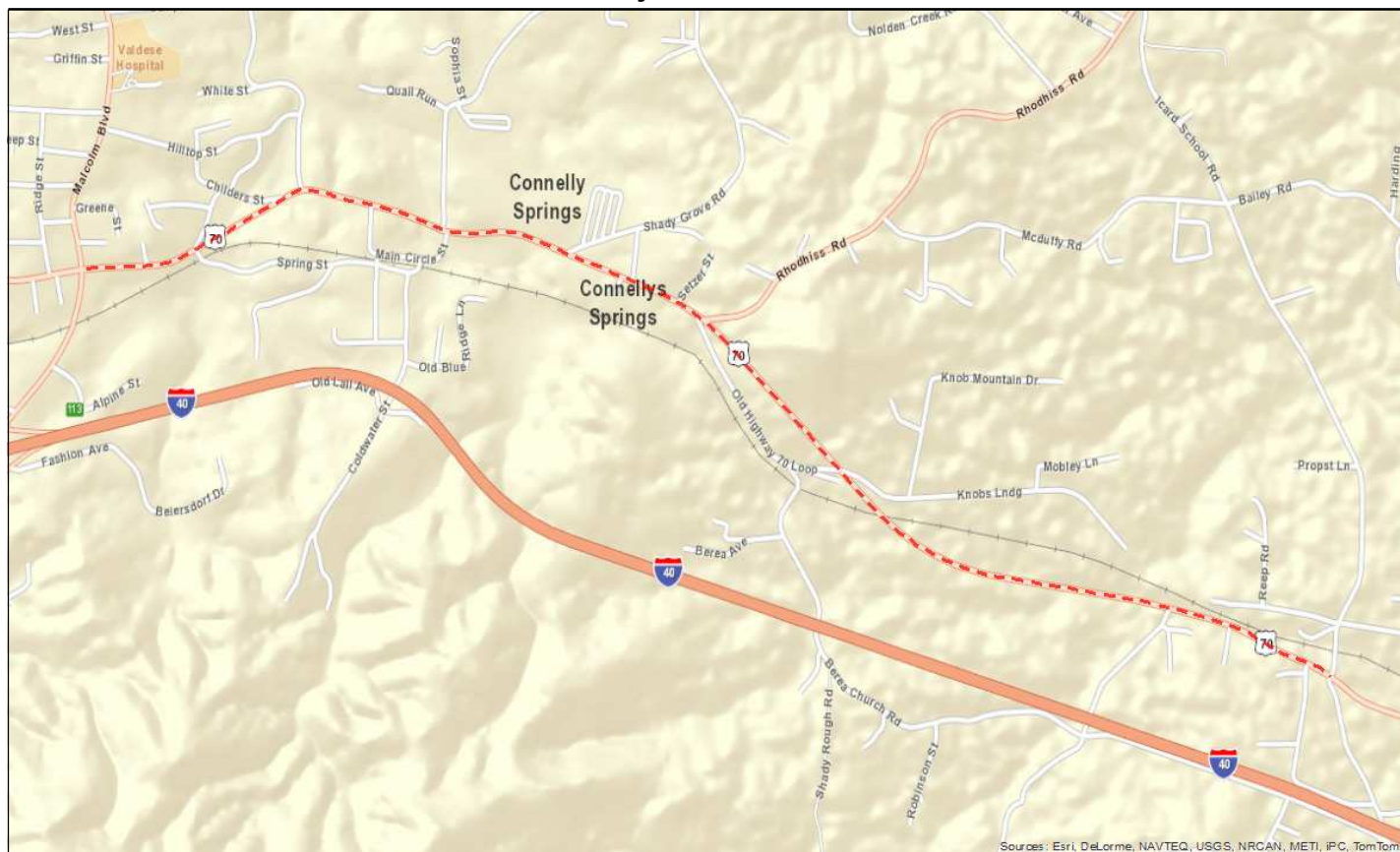
Widen to a Three Lane Section. Drainage Improvements

**Division(s):** Division 13

**County(s):** BURKE

**MPOS(s)/RPO(s):** Greater Hickory MPO

### Project Location



**Statewide Mobility Total Score: 0**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
<b>Totals: Weight: 0% Weighted Score: 0</b>	N/A	N/A

**Regional Impact Total Score: 0**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (25%) 30.26	Percent: 15%	Percent: 15%
Safety (10%) 71.41	Points:	Points:
[Travel Time] Benefit/Cost (25%) 0.00		
Accessibility / Connectivity (10%) 7.21		
<b>Totals: Weight: 70% Weighted Score: 15.43</b>		

**Division Needs Total Score: 0**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 30.26	Percent: 25%	Percent: 25%
Safety (10%) 71.41	Points:	Points:
[Travel Time] Benefit/Cost (20%) 0.00		
<b>Totals: Weight: 50% Weighted Score: 13.19</b>		

**Project Data \*****Existing Conditions**

Existing Cross-Section:	
Speed Limit:	48
Length (miles):	3.52
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Minor Arterial
Terrain Type:	Rolling
Lane Width:	11
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	No
Volume (AADT):	7208.36
Capacity:	15800
Volume/Capacity Ratio:	0.46
% Autos:	95%
% Trucks:	5%
Truck Volume:	341.7
Crash Density:	61.97
Crash Severity:	90.02
Critical Crash Rate:	62.27
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	1
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	20
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	78
Actual Congested Speed:	39.12
Travel Time Index:	1.24

**Project Benefits**

Project Cross-Section:	3B - 2 Lane with Two Way Left Turn Lane, Curb & Gutter, and Sidewalks
Speed Limit:	45
Length (miles):	3.52
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Minor Arterial
Terrain Type:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	2
Travel Time Savings for 30 Years (Total):	-481527.46
Travel Time Savings for 30 Years (Autos):	-458701.24
Travel Time Savings for 30 Years (Trucks):	-22826.22
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 13

\* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT On!line tool and associated databases.

**Project Ownership****Division**

<b>Division</b>	<b>Percent</b>	<b>Regional Impact</b>	<b>Division Needs</b>
Division 13	100%	0	0
	0%	0	0
	0%	0	0
<b>TOTAL Division Points</b>		<b>0</b>	<b>0</b>

**MPO/RPO**

<b>MPO/RPO</b>	<b>Percent</b>	<b>Regional Impact</b>	<b>Division Needs</b>
Greater Hickory MPO	100%	0	0
	0%	0	0
	0%	0	0
<b>TOTAL MPO/RPO Points</b>		<b>0</b>	<b>0</b>

**Project Cost and Source**

Construction Cost:	\$19,608,000	TIP Unit
Right-of-Way Cost:	\$2,457,000	Cost Estimation Tool
Utilities Cost:	\$295,000	Cost Estimation Tool
Total Project Cost:	\$22,360,000	
Other Funding:	\$0	None
<b>Cost to NCDOT :</b>	<b>\$22,360,000</b>	